Anton Kotzig,
Pražská 3, Bratislava,
Č S S R   the 27th of May, 1965
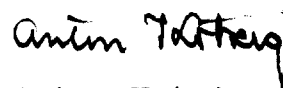
Dear Mr. Lederberg,

Many thanks for your kind letter. I am sorry not
being able to answer immediately your interesting question, which
you submitted to me in the last letter, without not thinking it
over. Nevertheless I will deal with this question and it will be
a pleasure for me to inform you later on the results of my re-
searches.

I suppose, that the convex trivalent polyhedron
with the required character does not exist. But I can prove up
to the time only this : if P is such a polyhedron with the required
character, which has the lowest number of vertexes, then P does
not content a triangle.

I would be pleased, if also in future you would let
me know other problems, which occasioned your interest in the
theory of graphes, and please particularize, how you happened to
fall upon this problem. I think, I could be more useful to you then.

I am glad to send you my published works /especially
those with English abstracts/, as far as I am in possession of them.

Sincerely yours,

Anton Kotzig

Anton Kotzig
Professor of Mathematics